Converting between Fractions and Percents

A) Convert each of the following as directed.

1) Write $\dfrac{7}{40}$ as a percent.

17.5%

2) Write 1.5% as a fraction.

$\dfrac{3}{200}$

3) Write 22.5% as a fraction.

$\dfrac{9}{40}$

4) Write $\dfrac{84}{160}$ as a percent.

52.5%

5) Write 46% as a fraction.

$\dfrac{23}{50}$

6) Write 40% as a fraction.

$\dfrac{2}{5}$

B) 1) Which of the following fractions is equivalent to 0.8%?

a) $\dfrac{1}{8}$ b) $\dfrac{4}{15}$ c) ✓ $\dfrac{1}{125}$ d) $\dfrac{8}{125}$

2) Which of the following is equivalent to $\dfrac{1}{16}$?

a) ✓ 6.25%   b) 62.5%   c) 0.62%   d) 6.52%